

REISSUE APPLICATION DECLARATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is described and claimed in Letters Patent No. 6,329,213, granted on December 11, 2001, and for which invention I solicit a reissue patent on the invention entitled METHODS FOR FORMING INTEGRATED CIRCUITS WITHIN SUBSTRATES, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I hereby state that I have reviewed and understand the contents of the specification, including the claims, as amended by the accompanying Amendment.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

STATEMENT OF INOPERATIVENESS OF ORIGINAL PATENT:

I verily believe the original patent to be partly inoperative or invalid by reason of my having claimed less than I had a right to claim in the original patent. All errors which are being corrected in the present reissue application, up to the time of the filing of this reissue declaration, arose without any deceptive intention on my part.

CONCURRENT PROCEEDINGS:

The patent for which reissue is requested is not and has not been involved in any concurrent or prior interferences, reissues, reexaminations, or litigations.

IDENTIFICATION OF THE ERROR:

The error which results in the patent being partially inoperative or invalid includes a failure to claim a method of forming a device that is not necessarily a radio frequency communication device. More particularly, one instance of error is found in Claim 1, which is unduly limited, in part, by being limited to a radio frequency communication device. This error in Claim 1 is addressed by the accompanying reissue application by presenting Claim 19 which tracks issued Claim 1, but which omits "radio frequency communication." Another error which results in the patent being partially inoperative or invalid includes a failure to claim a method of forming a device wherein the antenna is not necessarily a loop antenna. More particularly, one instance of error is found in Claim 1, which is unduly limited, in part, by being limited in reciting "wherein the antenna is a loop antenna which...." This error in Claim 1 is addressed by the accompanying reissue application by presenting Claim 19 which tracks issued Claim 1, but which omits "is a loop antenna which." Other claims include additional errors through inclusion of other limitations that are not included in claims added in the accompanying Amendment. Thus, this is a broadening reissue application.

Every error in the patent which was corrected in the present reissue application, and which is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicants.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Full name of inventor: **Mark E. Tuttle**

Inventor's Signature: 

Date: 12-10-03

Residence: **Boise, Idaho**

Citizenship: **United States of America**

Post Office Address: **1998 Table Rock Road
Boise, ID 83712**

Full name of inventor: **Rickie C. Lake**

Inventor's Signature: _____

Date: _____

Residence: **Sunnyvale, California**

Citizenship: **U.S.**

Post Office Address: **1085 Tasman Drive #257**

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My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is described and claimed in Letters Patent No. 6,329,213, granted on December 11, 2001, and for which invention I solicit a reissue patent on the invention entitled METHODS FOR FORMING INTEGRATED CIRCUITS WITHIN SUBSTRATES, the specification of which is attached hereto.

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Every error in the patent which was corrected in the present reissue application, and which is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicants.

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these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Full name of inventor: **Mark E. Tuttle**

Inventor's Signature: _____

Date: _____

Residence: **Boise, Idaho**

Citizenship: **United States of America**

Post Office Address: **1998 Table Rock Road
Boise, ID 83712**

Full name of inventor: **Rickle C. Lake**

Inventor's Signature: 

Date: 12-9-03

Residence: **Sunnyvale, California**

Citizenship: **U.S.**

Post Office Address: **1085 Tasman Drive #257
Sunnyvale, CA 94089**

EV 979950225**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Practitioner's Docket No. MI40-369**

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Mark E. Tuttle et al.
Patent Number: 6,326,213 B1
Date Patent Issued: December 11, 2001
Title of Invention: Methods for Forming Integrated Circuits within Substrates

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION

Micron Technology, Inc., is an assignee owning an undivided interest to the above original patent.

Micron Technology, Inc., assents to the accompanying application for reissue.

Attached is a "Statement under 37 C.F.R. § 3.73(b) -- Establishing Right of Assignee to Take Action."

Micron Technology, Inc.

Date: Dec 9, 2003

By: 
Signature of person signing for Assignee

Name: Michael L. Lynch
Title: Chief Patent Counsel

EV 979950225**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Practitioner's Docket No. MI40-369**

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Inventor: Mark E. Tuttle et al.

Patent Number: 6,329,213 B1

Date Patent Issued: December 11, 2001

Title of Invention: Methods for Forming Integrated Circuits within Substrates

To: Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

From: Deepak Malhotra (Tel. 509-624-4276; Fax 509-838-8424)
Wells St. John P.S.
601 W. First Avenue, Suite 1300
Spokane, WA 99201-3828

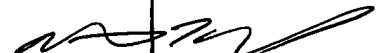
STATEMENT UNDER 37 CFR 3.73(b)

Micron Technology, Inc. is the Assignee of the entire right, title and interest in the above-identified U.S. Patent by assignment from the inventors Mark E. Tuttle and Rickie C. Lake, to Micron Communications, Inc. attached hereto, which was recorded on May 5, 1997, at Reel 8583, Frame Nos. 0205-0209, and by a Notice of Merger of Micron Communications, Inc. to Micron Technologies, Inc., which was recorded on November 8, 1999, at Reel 010364, Frame Nos. 0626-0638. The Assignee certifies that the above-identified Assignments and Notice of Merger have been reviewed and to the best of

Assignee's knowledge and belief, title is in the Assignee, and a copy of the Assignments and Notice of Merger are submitted herewith.

Micron Technology, Inc.

Dated: Dec 9, 2007

By: 

Name: Michael L. Lynch
Title: Chief Patent Counsel

Attachment: *Copies of Assignment and Notice of Merger; Copy of Board of Directors' Resolution*



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 11, 2000

PTAS

WELLS, ST. JOHN, ROBERTS, ET AL
MARK S. MATKINS, ESQ.
601 W. FIRST AVENUE, SUITE 1300
SPOKANE, WASHINGTON 99201-3828



101197487A

EV979950225

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/08/1999

REEL/FRAME: 010364/0626
NUMBER OF PAGES: 13

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MICRON COMMUNICATIONS, INC.

DOC DATE: 09/01/1999

ASSIGNEE:

MICRON TECHNOLOGY, INC.
8000 SOUTH FEDERAL WAY
BOISE, IDAHO 83706-9632

SERIAL NUMBER: 08847123

PATENT NUMBER:

FILING DATE: 05/01/1997

ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-10-1999

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MND 11/8/99



101197487

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of Conveying Part(ies):

Micron Communications, Inc.

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies).

Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Boise State: ID Zip: 83706-9632

Additional names(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Security Agreement
☒ Merger ☐ Change of Name
☐ Other _____

Execution Date: September 1, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):

08/847,123

Additional numbers attached: ☐ Yes ☒ No

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Mark S. Matkin, Esq.

Internal Address:
Wells, St. John, Roberts,

6. Total number of applications and
patents involved.

1

7. Total fee (37 CFR 3.41). \$40.00

X Enclosed

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Application Serial No. 08/847,123
3 Filing Date May 1, 1997
4 Inventor Tuttle et al.
5 Group Art Unit 2812
6 Examiner C. Everhart
7 Attorney's Docket No. MI40-056
8 Title: Methods For Forming Integrated Circuits Within Substrates (As Amended)

9 **NOTICE OF MERGER**

10 To: Box Assignment
11 Assistant Commissioner for Patents
12 Washington, D.C. 20231

13 From: Mark S. Matkin (Tel. 509-624-4276; Fax 509-838-3424)
14 Wells, St. John, Roberts, Gregory & Matkin P.S.
15 601 W. First Avenue, Suite 1300
16 Spokane, WA 99201-3828


17 Sir:

18 HEREBY TAKE NOTICE that the above-captioned application, and any
19 patent issued thereon, has been transferred to Micron Technology, Inc., a Delaware
20 Corporation, by reason of merger of Micron Communications, Inc., effective as of
21 September 1, 1999, all as set forth in a Certificate of Ownership and Merger on file with
22
23

1 the Secretary of State of Delaware, and as certified by the Secretary of State of the
2 State of Delaware.

3 Respectfully submitted,

4
5 Dated: 11-4-99

6 By: 
Mark S. Matkin
Reg. No. 32,268

7 Encls.: Copy of Certified Certificate of Ownership and Merger dated 9/1/99
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State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"MICRON COMMUNICATIONS, INC.", A IDAHO CORPORATION,

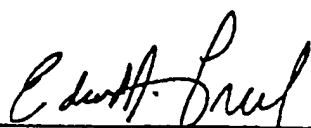
WITH AND INTO "MICRON TECHNOLOGY, INC." UNDER THE NAME OF "MICRON TECHNOLOGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SECOND DAY OF SEPTEMBER, A.D. 1999, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2032425 8100M

991367410


Edward J. Freel, Secretary of State

AUTHENTICATION:

9951840

DATE:

09-02-99

SEP- 1-1999(WED) 11:05 HAWLE ROXELL ENNIS & HAWLEY

20 '42 3829

P. 003

CERTIFICATE OF OWNERSHIP AND MERGER
MERGING
MICRON COMMUNICATIONS, INC.,
an Idaho corporation,
WITH AND INTO
MICRON TECHNOLOGY, INC.
a Delaware corporation

*In accordance with Section 253 of the
General Corporation Law of Delaware*

Micron Technology, Inc., a corporation organized and existing under the laws of the State of Delaware (the "Corporation"),

DOES HEREBY CERTIFY:

FIRST: That the Corporation was incorporated on the 6th day of April, 1984, pursuant to the Laws of the State of Delaware,

SECOND: That the Corporation owns of record more than ninety percent of the outstanding shares of the capital stock of Micron Communications, Inc., a corporation incorporated on the 19th day of February, 1993, pursuant to the Laws of the State of Idaho ("MCC"),

THIRD: That the Corporation, by the following resolutions of the MCC Committee of its Board of Directors, duly adopted as of July 28, 1999, determined to and did merger into itself said MCC:

NOW, THEREFORE, BE IT RESOLVED, that the Plan of Merger, in the form attached hereto (the "Merger Plan"), each of the transactions contemplated thereby and each of the other matters provided for therein, be and hereby are authorized and approved;

RESOLVED FURTHER, that the Corporation as of the sole shareholder of MCC hereby waives the mailing requirement called for by Section 30-1-1104 of the Idaho Business Corporation Act (the "IBCA");

FURTHER RESOLVED, that the officers of the Corporation be, and each hereby is, authorized, in the name and on behalf of the Corporation, to (i) execute and deliver the Certificate of Ownership and Merger, in the form attached hereto, to the Secretary of State of the State of Delaware for filing thereby in accordance with Section 253 of the Delaware General Corporation Law (the "DGCL"), and (ii) execute and deliver the Articles of Merger, in the form attached hereto, to the Secretary of State of the State of Idaho for filing thereby in accordance with Section 30-1-1105 of the IBCA;

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20' 42 3829

P.004

FURTHER RESOLVED, that any and all actions heretofore or hereafter taken by the officers of the Corporation be, and each hereby is, within the terms of the foregoing resolutions, ratified, confirmed and approved as the act and deed of the Corporation;

FURTHER RESOLVED, that the officers of the Corporation be, and each hereby is, authorized, in the name and on behalf of the Corporation, to take all such actions and to execute and deliver all such instruments and documents, as such officer may, in such officer's sole discretion, deem necessary, appropriate or advisable to effectuate the foregoing resolutions, with the execution and delivery of such instruments and documents to be conclusive evidence of such officer's authority with respect thereto.

FOURTH: Anything herein or elsewhere to the contrary notwithstanding, this merger may be amended or terminated and abandoned by the Board of Directors of the Corporation at any time prior to the Effective Time (as defined in the Merger Plan).

IN WITNESS WHEREOF, the undersigned has affirmed the statements herein as true and as the act and deed of Micron Technology, Inc., under penalties of perjury, as of the 28th day of July, 1999.

MICRON TECHNOLOGY, INC.

By: 

Print Name: Steven R. Appleton

Title: President and Chief Executive Officer

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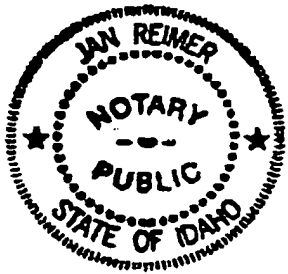
2 342 3829

P.005

STATE OF IDAHO)
) ss.
County of Ada)

On this 28th day of July, 1999, before me, a Notary Public in and for said State, personally appeared Steven R. Appleton, known or identified to me to be the President and Chief Executive Officer of Micron Technology, Inc., the corporation that executed the within instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Jan Reimer

Notary Public for Idaho
Residing at Bose, Idaho
My commission expires 9/1/2001

FILED

99 SEP -2 AM 7:51
 SECRETARY OF STATE
 STATE OF IDAHO
 SEP 11 14 AM '99

**ARTICLES OF MERGER
 MERGING
 MICRON COMMUNICATIONS, INC.,
 an Idaho corporation,
 WITH AND INTO
 MICRON TECHNOLOGY, INC.,
 a Delaware corporation**

*In accordance with Section 30-1-1104 of the
 Idaho Business Corporation Act*

Micron Technology, Inc., a Delaware corporation, DOES HEREBY CERTIFY as follows:

1. The constituent corporations (the "Constituent Corporations") in the merger (the "Merger") are Micron Communications, Inc., an Idaho corporation ("MCC"), and Micron Technology, Inc., a Delaware corporation ("MTI").
2. MTI owns of record more than ninety percent (90%) of the issued and outstanding shares of capital stock of MCC.
3. A Plan of Merger (the "Merger Plan") has been duly authorized and approved by the MCC Committee of the Board of Directors of MTI in accordance with Section 30-1-1104 of the Idaho Business Corporation Act (the "IBCA"). The Merger Plan is attached hereto as Exhibit A and is incorporated herein by this reference.
4. Pursuant to the Merger Plan, MCC is being merged with and into MTI, with MTI being the surviving corporation in the Merger.
5. Neither the shareholders of MTI, the surviving corporation in the Merger, nor MCC, the disappearing corporation in the Merger, were required to approve the Merger pursuant to the provisions of the Delaware Business Corporation Law and the IBCA.
6. The Merger shall become effective at 12:01 a.m. on the date on which these Articles of Merger are filed with the Secretary of State of the State of Idaho.

* * *

IDAHO SECRETARY OF STATE

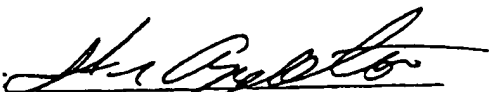
09/01/1999 09:00
 CX: 34336 CT: 20522 BH: 246795

1 @ 30.00 = 30.00 MERGER # 2
 1 @ 20.00 = 20.00 EXPEDITE C # 3

C101147

IN WITNESS WHEREOF, Micron Technology, Inc. has caused these Articles of Merger to be executed by its duly authorized officers this 28th day of July, 1999.

MICRON TECHNOLOGY, INC.

By: 
Print Name: Steven R. Appleton
Title: President and Chief Executive Officer

ATTEST:

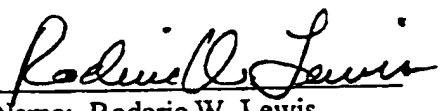
By: 
Print Name: Roderic W. Lewis
Title: Vice President of Legal Affairs, General
Counsel and Corporate Secretary

EXHIBIT APLAN OF MERGER

THIS PLAN OF MERGER (this "Merger Plan") has been adopted by MICRON TECHNOLOGY, INC., a Delaware corporation ("MTI"), as of the 28th day of July, 1999.

RECITALS:

WHEREAS, MTI owns of record more than ninety percent of the issued and outstanding shares of capital stock of Micron Communications, Inc., an Idaho corporation ("MCC"); and

WHEREAS, the MCC Committee of the Board of Directors of MTI has deemed it advisable for the benefit of MTI and its shareholders that MCC be merged with and into MTI pursuant to the provisions relating to parent/subsidiary mergers set forth in the Idaho Business Corporation Act and the Delaware General Corporation Law (the "Merger") and this Merger Plan.

NOW, THEREFORE, pursuant to resolutions duly adopted by the Board of Directors of MTI, the Merger shall be effectuated in accordance with the following terms and provisions:

**ARTICLE 1
THE MERGER****1.1 The Merger.**

Subject to the terms and conditions of this Merger Plan, in accordance with Part 11 of the Idaho Business Corporation Act (the "IBCA") and Title 8 of the Delaware General Corporation Law (the "DGCL"), at the Effective Time (as defined in Section 1.2 hereof), MCC shall be merged with and into MTI. At the Effective Time, (i) the separate corporate existence of MCC shall cease and (ii) MTI shall continue as the surviving corporation in the Merger (the "Surviving Corporation") and shall continue its existence under the laws of the State of Delaware. As a result of the Merger, the outstanding shares of capital stock of MCC shall be converted or cancelled in the manner provided in Article 2 hereof.

1.2 Effective Time of the Merger.

As the sole shareholder of MCC, MTI has waived the mailing requirement pertaining to the Merger Plan set forth in Section 30-1-1104 of the IBCA. Upon adoption of this Merger Plan, (a) a Certificate of Ownership and Merger shall be executed by MTI and filed with the Secretary of State of the State of Delaware pursuant to Section 253 of the DGCL, and (b) Articles of Merger shall be executed by MTI and filed with the Secretary of State of the State of Idaho, pursuant to Section 30-1-1105 of the IBCA. The "Effective Time" of the Merger shall be, and such term as used herein shall mean, 12:01 a.m., Mountain Time, on the later of the date of filing with and approval of the Certificate and Ownership of Merger or Articles of Merger by the Delaware or Idaho Secretary of State, respectively.

1.3 Certificate of Incorporation and Bylaws of the Surviving Corporation.

At the Effective Time, (i) the Certificate of Incorporation of MTI as in effect immediately prior to the Effective Time shall be the Certificate of Incorporation of the Surviving Corporation until thereafter amended as provided by law and such Certificate of Incorporation, and (ii) the By-laws of MTI as in effect immediately prior to the Effective Time shall be the By-laws of the Surviving Corporation until thereafter amended as provided by law, the Certificate of Incorporation of the Surviving Corporation and such Bylaws.

1.4 Directors and Officers of the Surviving Corporation.

The directors and officers of MTI immediately prior to the Effective Time shall, from and after the Effective Time, be the directors and officers, respectively, of the Surviving Corporation until their successors shall have been duly elected or appointed and qualified or until their earlier death, resignation or removal in accordance with the Surviving Corporation's Certificate of Incorporation and By-laws and any written agreements between MTI and such officers and directors.

1.5 Effects of the Merger.

At and after the Effective Time, the Merger shall have the effects set forth in the DGCL and the IBCA.

ARTICLE 2 CONVERSION OF SHARES

2.1 Conversion of Shares.

At the Effective Time, by virtue of the Merger and without any action on the part of the holder thereof, each share of common stock, par value \$0.10 per share, of MCC ("MCC Common Stock") then issued and outstanding shall be cancelled and cease to exist.

2.2 Closing Stock Transfer Books.

As of the Effective Time, it shall be deemed that the stock transfer books of MCC applicable to MCC Common Stock are closed and no transfer of shares of MCC Common Stock on such books shall thereafter be made.

ARTICLE 3 MISCELLANEOUS

3.1 Abandonment.

At any time before the Effective Time, this Merger Plan may be terminated and the Merger may be abandoned by the Board of Directors of MTI.

3.2 Amendment.

At any time prior to the Effective Time, this Merger Plan may be amended by the Board of Directors of MTI to the fullest extent permitted by applicable law.

3.3 Applicable Law.

This Merger Plan shall be construed and interpreted in accordance with the laws of the State of Idaho.

* * *

CERTIFICATION

The undersigned hereby certifies that the foregoing Plan of Merger was duly adopted by the MCC Committee of the Board of Directors of Micron Technology, Inc., as of July 28, 1999.

Dated: July 28, 1999

A handwritten signature in dark ink, appearing to read "Roderic W. Lewis", is written over a horizontal line.

Roderic W. Lewis
Vice President of Legal Affairs,
General Counsel and Corporate Secretary



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 04, 1997

PTAS

WELLS, ST. JOHN, ROBERTS, GREGORY ET AL.
DAVID G. LATWESEN
601 W. FIRST AVENUE, STE 1300
SPOKANE, WA 99204-0317

EV 979950225



100454326A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/01/1997

REEL/FRAME: 8583/0205
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TUTTLE, MARK E.

DOC DATE: 05/01/1997

ASSIGNOR:

LAKE, RICKIE C.

DOC DATE: 05/01/1997

ASSIGNEE:

MICRON COMMUNICATIONS, INC.
8000 SOUTH FEDERAL WAY
BOISE, IDAHO 83706

SERIAL NUMBER: 08847123
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-14-1997



100454326

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

EM025 332539

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of Conveying Part(ies):

Mark E. Tuttle
Rickie C. Lake

MRD 5-1-97

Additional name(s) of conveying party(ies) attached?

☐ Yes

☒ No

2. Name and address of receiving party(ies):

Name: Micron Communications, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Boise State: ID Zip: 83706

3. Nature of conveyance:

☒ Assignment

☐ Security Agreement

☐ Merger

☐ Change of Name

☐ Other

Execution Date: 05/01/97

Additional names(s) & address(es) attached: ☐ Yes

☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 05/01/97

A. Patent Application No.(s):

08847123

B. Patent No.(s)

Additional numbers attached:

☐ Yes

☒ No

Additional numbers attached:

☐ Yes

☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David G. Latwesen

Internal Address: Wells, St. John, Roberts,

6. Total number of applications and patents involved.

1

7. Total fee (37 CFR 3.41).

\$ 40

☒ Enclosed

60052 U.S. PTO

1
2 ASSIGNMENT

3 PARTIES TO THE ASSIGNMENT:

4 INVENTORS:

5 Mark E. Tuttle

6 Rickie C. Lake

7 ASSIGNEE:

8 Micron Communications, Inc.
9 Corporation of the State of Idaho
10 8000 South Federal Way
Boise, Idaho 83706-9632

11 BACKGROUND OF THIS ASSIGNMENT:

12 INVENTORS have conceived certain new and useful inventions
13 disclosed in a United States patent application titled: Methods For
14 Forming Integrated Circuits Within Substrates, And Embedded Circuits.

15 MICRON COMMUNICATIONS, INC. desires to acquire the entire
16 right, title and interest in said inventions and with respect to any
17 Letters Patent that may be granted with respect to the inventions in
18 both the United States and in all foreign countries.

19 THE PARTIES AGREE AS FOLLOWS:

20 In consideration of good and valuable consideration, the receipt
21 sufficiency and adequacy of which is hereby acknowledged, INVENTORS
22 hereby sell, assign and transfer to MICRON COMMUNICATIONS, INC.
23 the entire right, title and interest in the above-identified application
24 executed currently with this assignment and to any reissues, renewals,

1 divisions or continuations thereof, and hereby authorizes the
2 Commissioner of Patents and Trademarks to issue such Letters Patent
3 to MICRON COMMUNICATIONS, INC., for the sole use of MICRON
4 COMMUNICATIONS, INC., its successors or assigns.

5 INVENTORS further agree to execute, at the request and expense
6 of MICRON COMMUNICATIONS, INC. such other formal documents
7 as may be required to fully convey the interest transferred herein and
8 will similarly execute any application papers required for the filing of
9 any division, continuation, renewal or reissue of the patent application
10 or resulting Letters Patent; and will generally do everything necessary or
11 desirable to obtain and enforce proper protection for the inventions
12 assigned hereby.

13 INVENTORS further assign to MICRON COMMUNICATIONS,
14 INC. the whole right, title and interest in the inventions disclosed in the
15 application throughout all countries foreign to the United States.
16 MICRON COMMUNICATIONS, INC. is hereby authorized to apply for
17 patents relating to the inventions in its own name in countries where
18 such procedure is proper; to claim the benefit of the International
19 Convention; to file and prosecute International Applications relating to
20 the inventions under the Patent Cooperation Treaty; and to file and
21 prosecute applications relating to the inventions under the European
22 Patent Convention. INVENTORS agree to execute applications relating
23 to the inventions in those countries and under those conventions where
24 it is necessary that the same be executed by the inventor, and to

1 execute assignments of such applications and the resulting Letters Patent
2 to MICRON COMMUNICATIONS, INC. as well as all other necessary
3 papers in relation to such applications and Letters Patent.

4 INVENTORS further warrant and covenant that no assignment,
5 grant, mortgage, license or other agreement affecting the rights and
6 property herein conveyed has been or will be made to others by the
7 undersigned, and that the full rights to convey the same as herein
8 expressed is possessed by the undersigned.

9 To be binding on the heirs, assigns, representatives and successors
10 of the undersigned and extend to the successors, assigns and nominees
11 of the Assignees.

12 (Signature) Mark E Tuttle Date: 4-24-97
13 Mark E. Tuttle

14
15 State of Idaho)
16 County of Ada) ss.

17 BEFORE ME, this 24th day of April 1997,
18 personally appeared the above-named inventor, to me known to be the
19 person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he executed the same of his
own free will for the purpose therein expressed.

20 SEAL

21
22 Sandra L. Kelley
23 Notary or Consular Officer
24 My Commission Expires: 10/21/2002

1
2 (Signature)

Rickie C. Lake

Rickie C. Lake

Date: 4-24-97

3
4 State of

Idaho

5 County of

Ada

ss.

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EV 979950225

MICRON TECHNOLOGY, INC.
CERTIFIED COPY OF RESOLUTIONS

I, Jan R. Reimer, the Assistant Secretary of Micron Technology, Inc. do hereby certify, that the resolutions attached hereto represent a complete, true and correct copy of the resolutions duly adopted by the Board of Directors of Micron Technology, Inc., a corporation duly organized and existing under the laws of the State of Delaware, at a meeting duly held on March 25, 1996, a quorum being present, and have been entered into the minutes of said meeting; that I am the keeper of the corporate seal and of the minutes and records of this Corporation; and that the said resolutions have not been rescinded or modified.


The resolutions attached hereto are in conformity with the Articles of Incorporation and Bylaws of the Corporation and are now in full force and effect.

I further certify that the person whose name and signature is set out below is the person authorized to act for said corporation in transactions with and pursuant to the foregoing resolutions, and that such person is now duly qualified and acting in his respective capacity:

NAME AND TITLE

SIGNATURE

Michael L. Lynch, Assistant General
Counsel for Intellectual Property



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the said corporation, this 16th day of May, 1996.


Jan R. Reimer, Assistant Secretary

(SEAL)

MICRON TECHNOLOGY, INC.
BOARD OF DIRECTORS RESOLUTIONS

WHEREAS, certain key employees require the authority to execute certain documents on behalf of the Company in order to enable them to effectively and efficiently carry out their responsibilities and duties to the Company.

NOW THEREFORE BE IT RESOLVED, that the Board hereby approves and authorizes Mr. Michael L. Lynch, Assistant General Counsel for Intellectual Property, to execute on behalf of the Company, documents pertaining to the Company's patent prosecution matters, including but not limited to documents relating to representation before a patent examining authority, patent terms and other patent prosecution procedures, both in the United States and other countries, upon such terms and conditions as the General Counsel of the Company shall deem necessary or appropriate.